



Siemens High-Density (HD) Transducers

More clinical information in every image.

www.siemens.com/ultrasound

Greater detail. Sharper contrast. More information.

Siemens high-density (HD) ultrasound transducer technology delivers a new level of detail and clarity to ultrasound images. HD transducers are designed to fully utilize the powerful capabilities of the ACUSON S2000™ and S3000™* ultrasound systems. These transducers provide an unparalleled amount of information in every image enabling you to visualize complex anatomy with greater detail and precision.

Unlike conventional ultrasound transducer technologies, HD technology employs high-density ultrasound arrays with finer-sized elements that provide enhanced compounding for exquisite image detail. HD transducers also feature more elements per array, maximizing information density.

To ease operator fatigue, HD transducers include ergonomic innovations, such as a palmar or ridged grip and an elastomeric (slip-resistant) coating for improved fine motor control.

A history of innovation.

For over six decades, Siemens has been engineering the latest breakthroughs in transducer technology to ensure our customers have exceptional image quality across a variety of patient and exam types. Our Hanafy lens technology and Multi-D™ Matrix Array transducers are now gold standards in the industry. Our HD transducers continue to advance the state-of-the-art in transducer technologies with innovations in acoustic engineering and ergonomics that deliver new levels of performance, and image clarity.

Siemens HD transducers add significant power to your diagnostic capabilities with three transducers covering a full range of exams – radiology, obstetrics, pediatrics, gynecology and small parts.

*510(k) pending. Not commercially available. Due to regulatory reasons its future availability cannot be guaranteed.

HD Transducer Family – Key Benefits

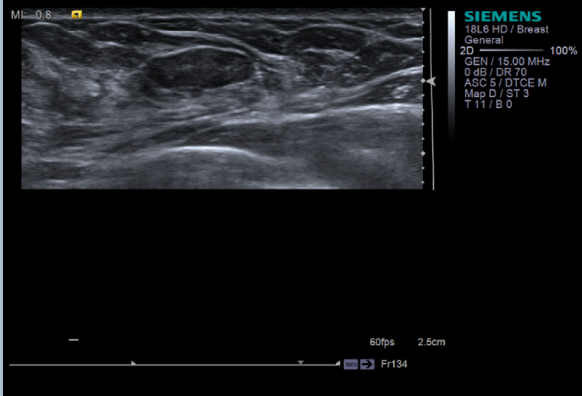
State-of-the-art transducer technology – designed to fully utilize the power of the ACUSON S2000 and S3000 ultrasound systems.

More information, in every image – HD technology delivers excellent detail and contrast resolution for sharper images.

Innovative ergonomics – palmar or ridged grip, elastomeric (slip-resistant) coating.

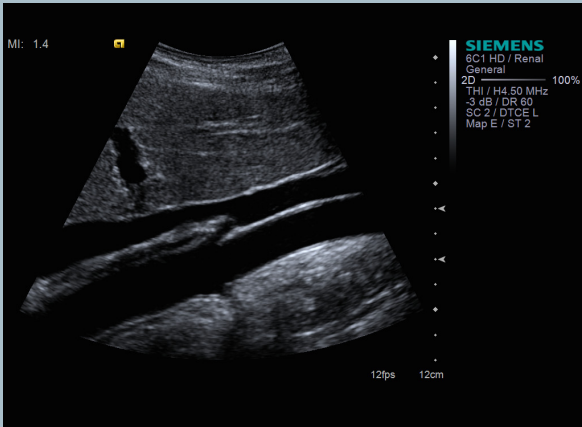
Full-body coverage – from the imaging challenges of technically difficult patients, through small parts.

Answers for life.



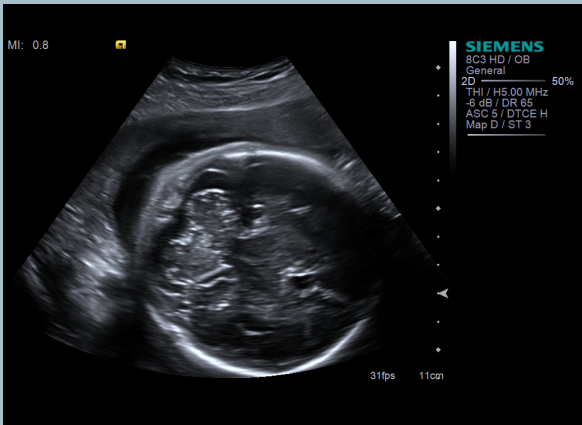
18L6 HD high-frequency transducer

Designed for breast and small parts, the high-frequency 18L6 HD transducer delivers exquisite detail and contrast resolution. Featuring the widest field of view in the industry, it covers more anatomy in a single image, reducing the need for additional image acquisition.



6C1 HD abdominal transducer

Delivering the widest bandwidth for broad clinical utility across a variety of exam types, the 6C1 HD abdominal transducer provides maximum information density. It features excellent color sensitivity, superb spatial resolution and enhanced contrast resolution.



8C3 HD OB/pediatric transducer*

Designed primarily for obstetric and pediatric applications, the 8C3 HD transducer features a small footprint for improved surface contact and enhanced scanning performance. A 50 percent larger field of view enables the display of a full third-trimester fetal head, improving measurement accuracy and anatomic visualization.

*510(k) pending. Not commercially available. Due to regulatory reasons its future availability cannot be guaranteed.

Standalone clinical images may have been cropped to better visualize pathology.

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